



Deepwater Horizon Incident, Gulf of Mexico

Region 6 REOC Update

Subject: Region 6 Update # 30
Deepwater Horizon Incident, Gulf of Mexico
Date: May 27, 2010
To: Incident Command
Thru: Planning Section
From: Situation Unit
Operational Period: May 25, 2010 0700 – May 28, 2010 0700
Reporting Period: May 26, 2010 1300 – May 27, 2010 1300

1. Background

Site Name: Deepwater Horizon Incident **FPN#:** N10036
Mobilization Date: 4/27/2010 **Start Date:** 4/28/2010

2. Current Situation

- The incident status summary as reported in the BP Situation Executive Summary as of 0600 on 5/27:
 - 15,336 personnel and 1,269 offshore vessels are currently responding to the incident.
 - Over 1.87 million feet of containment boom and 1.25 million feet of sorbent boom have been deployed.
 - Over 273,000 barrels of an oil-water mix have been recovered.
 - On 5/26, 7 controlled burns were conducted. A cumulative total of 74 controlled burns have been conducted.
 - On 5/26, BP began Top Kill operations.
 - On 5/26, over 600 personnel performed cleaning operations in 8 impacted shoreline areas.

Summary of Dispersant Data (from UC Situation Executive Summary)

	TOTALS for 5/26 (gal.)	CUMULATIVE TOTALS as of 5/26 (gal.)
Surface	1,029	706,817
Subsurface	11,110	155,436

2.1 (USCG) Incident Command Post (Houma, LA).

- On 5/26, the EPA Data Management Unit worked with BP to develop a process for managing BP SCAT, sampling, and analytical data. BP uploaded the first set of analytical data to the EPA SCRIBE database.
- On 5/26, EPA met with Louisiana Environmental Action Network (LEAN) to discuss the work being done by the Unified Command and the role of EPA in the ongoing response. EPA introduced LEAN to NOAA NRDA representatives and met with BP PIO.
- On 5/26, the EPA Data Management Unit processed 3 SMART surface dispersant sampling runs and posted the reports to the NOAA FTP Site.

2.2 (USCG) Area Command Post (Robert, LA)

- On 5/26, EPA and USCG jointly signed an addendum to the directives to BP, requiring a reduction in dispersant use.
- On 5/26, EPA discussed waste management issues concerning the oil spill response with BP. EPA plans to review the Unified Command Waste Management Plan and provide comments within the next 2 days.

2.3 Air Monitoring/Sampling

- EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
 - Venice, LA - 29.25274 N, 89.35750 W - V02;
 - Boothville, LA - 29.31449 N, 89.38433 W - V03;
 - Fort Jackson, LA – 29.35699 N, 89.45487 W - V05.
- EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
 - Poydras, LA – 29.86609, -89.89108 - C02 - located at Fire Station number 8;
 - Chalmette, LA - 29.96082, -90.00132 - C04 - located at FireStation on Aycock St.
 - Hopedale, LA, - 29.84049, -89.68980 - C05 - located at Fire Station number 11.
- Each air monitoring location has 4 pieces of air equipment:
 - EBAM (Particulate Monitors) - equipment has replaced DataRAM's;
 - AreaRae/MultiRae - monitoring VOCs;
 - PQ200 - samples for PM2.5;
 - SUMMA Canisters per location - sample for VOCs.
- Air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at the Mobile Command Posts in Venice and Chalmette.
- Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters, REOC, and external response partners.
- No air monitoring exceedences were noted during this reporting period.

EPA summary of air monitoring/sampling activities:

Air Monitoring & Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/26
Venice	3 locs/24-hr	3 locs/24-hr	3	3	6
Chalmette	3 locs/24-hr	3 locs/24-hr	3	3	6
TOTAL TO DATE	6 locs/24-hr	6 locs/24-hr	277	156	

*QAQC samples not included in sample count

2.4 Water/Sediment Sampling

- EPA continues to conduct water sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program. The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination with the EPA Region 6 Water Quality Division.
- Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.
- On 5/26, the Cocodrie Water Operations Team conducted operations in the Terrebonne, Timbalier, and Barataria Bays areas. The team traveled to the Whiskey and Timbalier Islands; however, the team did not encounter enough oil to meet the criteria established for collecting samples during the morning. Severe weather conditions within the project area forced the team to discontinue boat operations prior to locating impacted areas.
- On 5/26, the Venice water operations team collected samples from areas heavily impacted by oil near the Southeast Pass and Pass A Loutre areas. The team collected 4 water samples from locations west of Venice, LA. Additionally, 1 oil sample was collected.

EPA summary of water/sediment activities:

Water/Sediment Samples	Water	Sediment	TOTALS FOR 5/26
Venice	5	0	5
Chalmette	0	0	0
TOTAL TO DATE	144	71	

*QAQC samples not included in sample count

2.5 TAGA

- On 5/26, TAGA performed mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, in Southern LA from the Stennis Space Center to Port Fourchon, LA and Grand Isle, LA. All observed OD-00 and OD-27 indicator compounds were associated with a point source.
- TAGA plans to perform mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, on 5/27 in Southern LA from Slidell, LA to Hopedale, LA and Delacroix, LA. EPA Region 6 personnel and members of non-governmental environmental organizations are also traveling with the TAGA.

2.6 ASPECT

- On 5/26, ASPECT documented oil on the beaches of Grand Isle and reported that oil appeared heavier at the western end of the island. Cleanup crews were working in the Grand Isle area. ASPECT also reported oil on the beaches of Elmers Island, East Timbalier Island, and the Grand Terre Islands. ASPECT noted heavy oil approximately 80 miles south west of Chalmette, LA. ASPECT passed all of this information to the EPA Incident Commander for operational planning.
- On 5/26, ASPECT collected data on emissions from a controlled burn. The data is currently being evaluated.
- On 5/26, ASPECT noted that after the BP siphon ship moved away from the rig area, mudding fluids from the attempted sealing operations were visible at the surface.
- On 5/27, ASPECT reported the presence of oil on water approximately 10 miles south of Long Beach, LA. ASPECT also reported oil on shore and on water at approximately 10 miles west of Venice, LA and on the western shore of East Bay.

2.7 Water Quality Protection Division Update

- A Water Quality Protection Division situation update is attached.

3. EPA Assets

3.1 Current Assets Deployed

- Activated in Dallas, TX
 - REOC activated
 - SRICT activated
 - RRT activated

Deployed Personnel

Personnel	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
EPA								
- OSC	3		1		3	1		8
- RSC	5	1	1					7
- PIO		3						3
- Other	3	2	1	1				7
START	5				13	15		33
ERT Contractor								
TAGA Personnel							5	5
ASPECT Personnel							4	4
Other								
TOTALS	16	6	3	1	16	16	9	67

Deployed Equipment

Equipment	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
Mobile Command Post						1		1
ASPECT							1	1
TAGA Bus							1	1
LRV		1			1			2
Gooseneck Trailer						1		1
20 KW Generator						1		1
Dually Truck (R7)					1			1
Boat (R7)					1			1

* One TAGA bus has been assigned to Region 4 Operations

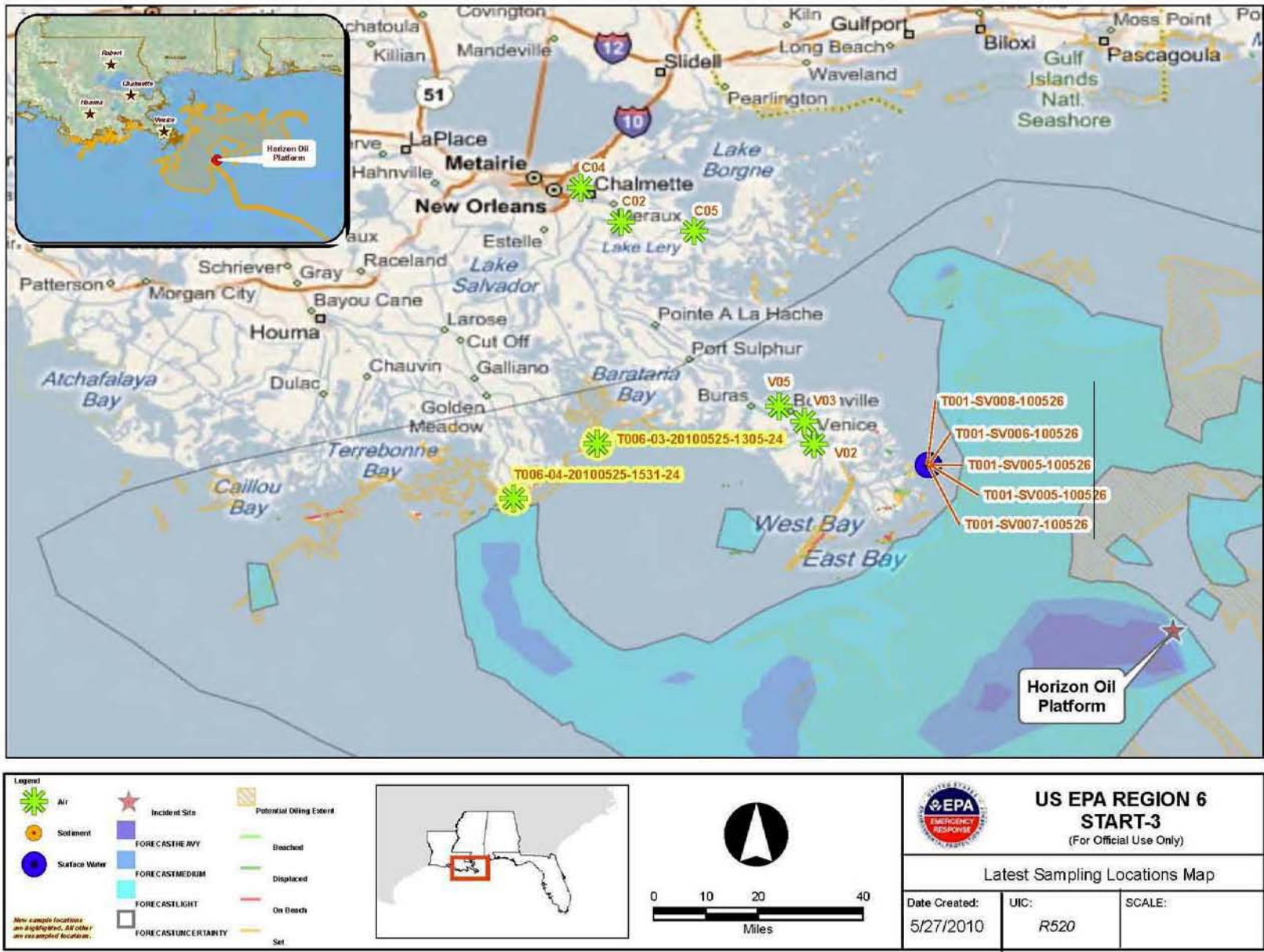
4. Daily Cost Estimates

	Est. Personnel Cost	Est. Travel Cost	Est. Contracts/ Purchase Spent	Total Est. Cost/Spent	Total Contract/ Purchase Oblig.	Total USCG PRFA Ceiling	Balance	Est. Daily Burn Rate	Days left
USCG PRFA FPN N10036	\$367,942	\$177,705	\$3,003,195	\$3,548,842	\$3,718,712	\$4,577,819	\$1,028,977	\$166,174	6
TOTAL EPA FUNDED	\$367,942	\$177,705	\$3,003,195	\$3,548,842	\$3,718,712	\$4,577,819	\$1,028,977	\$166,174	6
Region 6 Indirect Rate 13.12%						\$600,610			
Louisiana Total	\$367,942	\$177,705	\$3,003,195	\$3,548,842	\$3,718,712	\$5,178,429	\$1,028,977	\$166,174	6



Figure 1 Aerial view of oiled beach and boom along the shore near Grand Isle, LA.

Monitoring/Sampling Locations



Nearshore Surface Oil Forecast Deepwater Horizon MC252

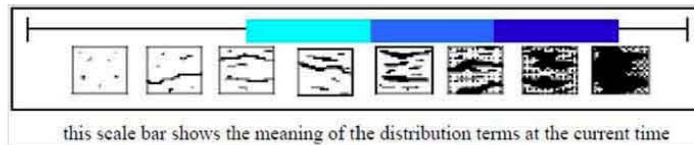
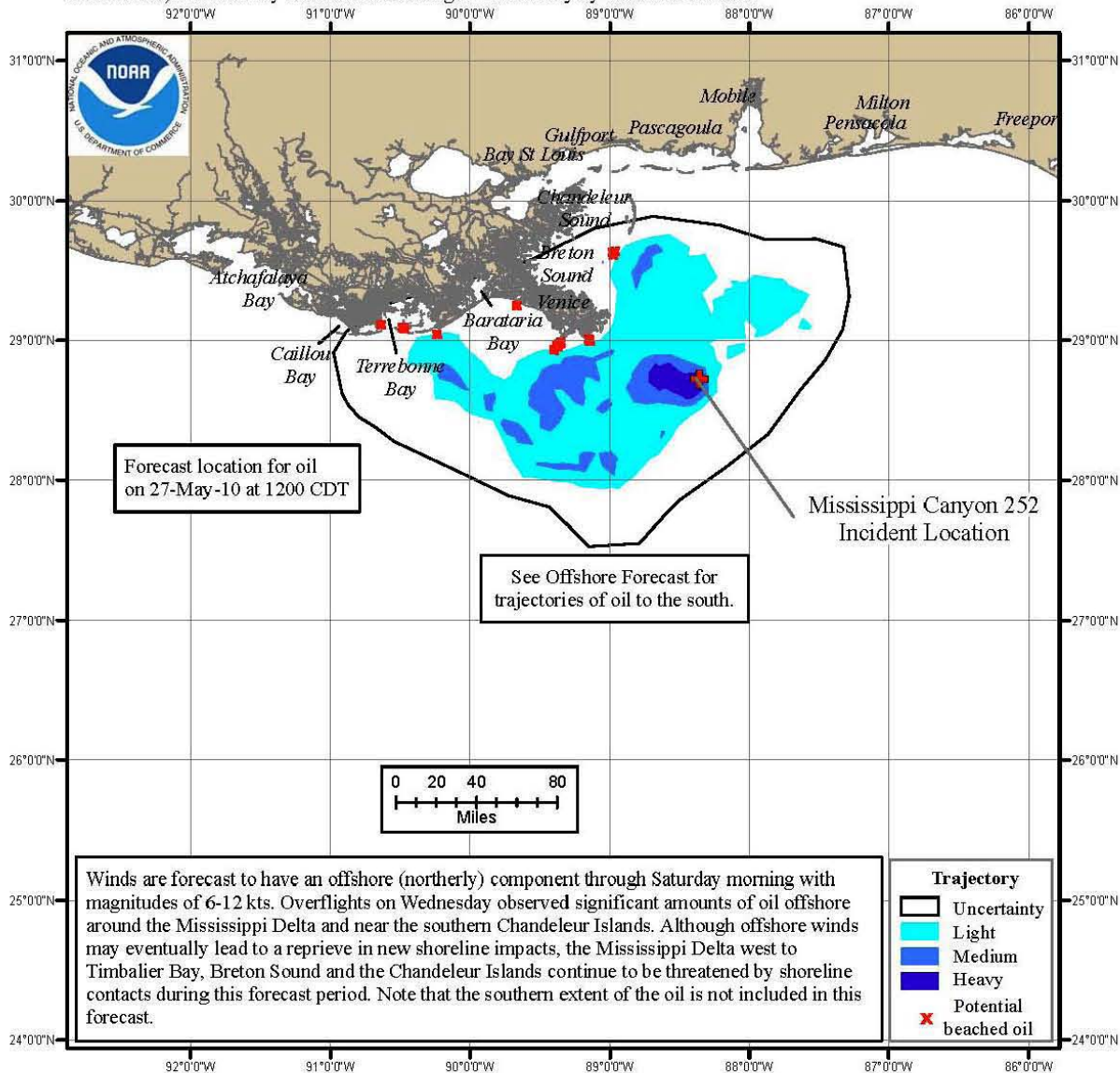
NOAA/NOS/OR&R

Nearshore

Estimate for: 1200 CDT, Thursday, 5/27/10

Date Prepared: 2100 CDT, Wednesday, 5/26/10

This forecast is based on the NWS spot forecast from Wednesday, May 26 PM. Currents were obtained from several models (NOAA Gulf of Mexico, West Florida Shelf/USF, TAMU/TGLO, NAVO/NRL) and HFR measurements. The model was initialized from Tuesday evening satellite imagery analysis (NOAA/NESDIS) and Wednesday overflight observations. The leading edge may contain tarballs that are not readily observable from the imagery (hence not included in the model initialization). Oil near bay inlets could be brought into that bay by local tidal currents.



Next Forecast:
May 27th PM